

92/2133
PATENT DRW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Cherabuddi et al.

Application No. 09/839,057

Filed: April 20, 2001

For: YIELD IMPROVEMENT THROUGH
PROBE-BASED CACHE SIZE
REDUCTION

) Group Art Unit: 2133
Examiner: Torres, J. D.
Atty. Docket: SUNMP189/P4952
Date: January 28, 2005

CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence and the papers referred to herein as attached are being transmitted to the United States Patent and Trademark Office via facsimile to (703) 746-9195, Attn: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 28, 2005.

Signed: Cynthia Dawn
Cynthia Dawn

RESUBMISSION OF POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

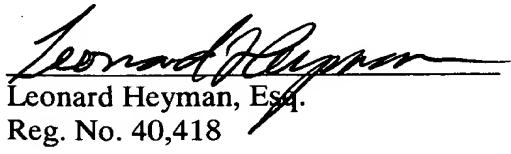
Sir:

Please accept the attached Change of Attorney's Address in Application, Combined Statement Under 37 C.F.R. § 3.73(b)-Establishing Right of Assignee to Take Action and Power of Attorney by Assignee of Entire Interest (Revocation of Prior Powers), Appendix A, and update the Filing Receipt to reflect your acceptance.

A separate sheet listing 4 attorneys is provided in accordance with 37 C.F.R. 1.32(c)(3).

No fee should be due at this time. Nevertheless, in the event it is determined that any fees are due, such fees may be charged to Deposit Account 50-0805 (Order No. SUNMP189).

Respectfully submitted,
MARTINE & PENILLA, LLP


Leonard Heyman, Esq.
Reg. No. 40,418

710 Lakeway Drive, Suite 200
Sunnyvale, CA 94085
Telephone (408) 774-6933
Customer No. 32291



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:)
Cherabuddi et al.) Group Art Unit: 2133
Application No. 09/839,057) Examiner: Torres, J. D.
Filed: April 20, 2001) Atty. Docket: SUNMP189/P4952
For: YIELD IMPROVEMENT THROUGH) Date: January 28, 2005
PROBE-BASED CACHE SIZE)
REDUCTION)

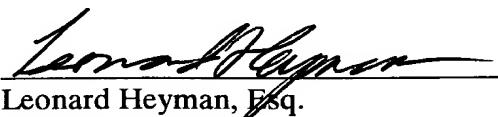
)

SEPARATE SHEET LISTING 4 ATTORNEYS IN ACCORDANCE WITH
37 C.F.R. 1.32(c)(3)

Please make of record the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith in accordance with the provisions of 37 C.F.R. 1.32(c)(3):

Peter B. Martine (Reg. No. 32,043)
Albert S. Penilla (Reg. No. 39,487)
Michael L. Gencarella (Reg. No. 44,703)
Andrew C. Chen (Reg. No. 43,544)

Respectfully submitted,
MARTINE & PENILLA, LLP


Leonard Heyman, Esq.
Reg. No. 40,418

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Sunnyvale, CA 94085
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Cherabuddi et al.

Application No. 09/839,057

Filed: April 20, 2001

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) Group Art Unit: 2133
) Examiner: Torres, J. D.
) Attorney Docket: SUNMP189/P4952
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) Date: January 28, 2005
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Signed: Cynthia Dawn
Cynthia Dawn

CHANGE OF ATTORNEY'S ADDRESS IN APPLICATION
AND ASSOCIATE POWER OF ATTORNEY UNDER 37 C.F.R. 1.34(b)

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned attorney of record in the subject patent application hereby grants an Associate Power of Attorney to add **Customer Number 32291** to prosecute this application and to transact all business in the Patent Office connected therewith.

Please direct all communications related to the subject patent to the following address:

Customer No. 32291
 Albert S. Penilla, Esq.
 MARTINE & PENILLA, LLP
 710 Lakeway Drive, Suite 200
 Sunnyvale, CA 94085
 Telephone (408) 749-6900

Respectfully submitted,
 MARTINE & PENILLA, LLP


 Albert S. Penilla, Esq.
 Reg. No. 39,487



PATENT POSTCARD

Docket No. **SUNMP189**

Appl. No. **09/839,057**

April 9, 2004

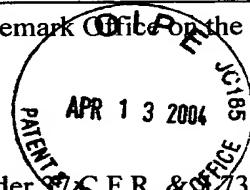
By: **ASP:kh** Filing Date **April 20, 2001** Express Mail No.:

Inventor(s): **Cherabuddi et al.**

Title: **YIELD IMPROVEMENT THROUGH PROBE-BASED CACHE SIZE
REDUCTION**

The following has been received in the U.S. Patent & Trademark Office on the date stamped below:

- Request for Status
- Change of Attorney's Address in Application
- Copy of previously-filed Combined Statement Under 37 C.F.R. § 1.3(b);
- Copies of previously-filed Appendix A (with highlighted Docket Number), and Appendix B





PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
Cherabuddi et al.) Group Art Unit: 2185
Application No. 09/839,057) Examiner: Unassigned
Filed: April 20, 2001) Date: April 9, 2004
For: YIELD IMPROVEMENT THROUGH)
PROBE-BASED CACHE SIZE)
REDUCTION)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 9, 2004.

Signed: _____

Kay Harlow

REQUEST FOR STATUS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant hereby requests status of the above-referenced Patent Application. This Application was filed on April 20, 2001, and no response has been received as of this date.

Applicant is further enclosing a copy of the Combined Statement Under 37 C.F.R. § 3.73(b)-Establishing Right of Assignee to Take Powers, Appendix A, and Appendix B, as previously filed on December 18, 2002.

Respectfully submitted,
MARTINE & PENILLA, LLP

Albert S. Penilla, Esq.
Reg. No. 39,487

710 Lakeway Drive, Suite 170
Sunnyvale, CA 94085
Telephone: (408) 749-6900
Fax: (408) 749-6901
Customer Number 32291
Attorney Docket No. SUNMP189

PATENT

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

JAN 3 1 2005

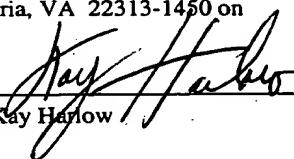
In re the patent application of:) Atty. Docket No: SUNMP189
 Cherabuddi et al.) Group Art Unit: 2185
 Application No: 09/839,057) Examiner: Unassigned
 Filing Date: April 20, 2001) Date: April 9, 2004
 For: YIELD IMPROVEMENT THROUGH)
 PROBE-BASED CACHE SIZE)
 REDUCTION)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on April 9, 2004.

Signed: _____

Kay Harlow


CHANGE OF ATTORNEY'S ADDRESS IN APPLICATION

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Please send all correspondence for this application as follows:

Albert S. Penilla
 MARTINE & PENILLA, LLP
 710 Lakeway Drive, Suite 170
 Sunnyvale, CA 94085
 Telephone (408) 749-6900
 Customer Number 32291

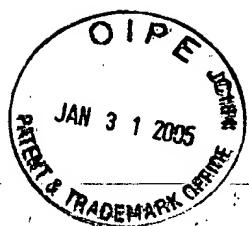
Please direct any calls to Albert S. Penilla at (408) 749-6903.

Respectfully submitted,
 MARTINE & PENILLA, LLP


 Albert S. Penilla, Esq.
 Registration No. 39,487

710 Lakeway Drive, Suite 170
 Sunnyvale, CA 94085
 Telephone (408) 749-6900
 Customer Number 32291

Attorney Docket No. SUNMP189



PATENT POSTCARD-Customer Number 32,291

Docket No: **SUNMG000** Appl. No.: Date: **Dec. 18, 2002**
By: **ASP:njw** Filing Date: Express Mail No.:
Inventor(s):
Title:

The following has been received in the U.S. Patent & Trademark Office on the date stamped below:

- Combined Statement Under 37 C.F.R. § 3.73(b)-Establishing Right of Assignee to Take Action and Power of Attorney by Assignee of Entire Interest (Revocation of Prior Powers) (2 pages)
- Appendix A Identifying U.S. Application Nos. 09/499,264; 10/066,384; 10/020,565; 10/024,884; 09/520,921; 09/669,829; 09/815,227; 09/838,921; 09/670,856; 09/839,057; 10/086,911; 10/113,365; 10/189,870; 09/375,700; 09/543,372; 08/884,257; 09/007,525; 09/590,935; 08/884,841; 08/884,840; 10/122,101, and 10/120,075(1 page)
- Appendix B (1 page)



PATENTS

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C., 20231 on

Date: December 18, 2002

Signed:

Typed Name: Neely Jo Weldy

**COMBINED STATEMENT UNDER 37 C.F.R. § 3.73(b)-ESTABLISHING RIGHT OF
ASSIGNEE TO TAKE ACTION
and
POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST (REVOCATION OF
PRIOR POWERS)**

Commissioner for Patents
Washington, D.C. 20231

Sir:

Sun Microsystems, Inc., a corporation organized under the laws of Delaware states that it is the assignee of entire right, title, and interest; in the patents and patent applications listed on the attached APPENDIX A, by virtue of an Assignment from the inventor(s) of each of the patents and patent applications listed on the attached APPENDIX A. Date of Recordal, and Reel and Frame number of Recordal by the United States Patent & Trademark Office identified on the attached APPENDIX A.

Sun Microsystems, Inc., a Delaware Corporation, having principle place of business at 901 San Antonio Road, Palo Alto, California, 94303, as assignee of record of the entire interest of the above identified patent (per above statement under 37 CFR §3.73(b)), hereby states that all powers of attorney previously given are hereby revoked.

Further, the following attorneys and/or agents are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Peter B. Martine (Reg. No. 32,043)
Albert S. Penilla (Reg. No. 39,487)
Rick von Wohld (Reg. No. 48,018)
Chester E. Martine, Jr. (Reg. No. 19,711)
Lygeri Kokkinakos (Reg. No. 42,756)
Kenneth D. Wright (Reg. No. P-53,795)

Edmund H. Mizumoto (Reg. No. 46,938)
Joe A. Brock II (Reg. No. 46,021)
Michael L. Gencarella (Reg. No. 44,703)
George B. Leavell, Esq. (Reg. No. 45,436)
Fariba Yadigar-Bandari (Reg. No. P-53,805)

provided that if any one of said attorneys ceases being affiliated with the law firm of MARTINE & PENILLA, LLP as partner or employee, such attorney's appointment as attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated; and:

Marc D. Foodman (Reg. No. 34,110)
Timothy J. Crean (Reg. No. 37,116)
Naren Chaganti (Reg. No. 44,602)
Anirma R. Gupta (Reg. No. 38,275)
Sean P. Lewis (Reg. No. 42,798)
Michael J. Schallop (Reg. No. 44,319)
Bernice B. Chen (Reg. No. 42,403)
Noreen A. Krall (Reg. No. 39,734)
Jeffrey L. Myers (Reg. No. 44,252)

Monica D. Ward (Reg. No. 40,696)
Alexander E. Silverman (Reg. No. 37,940)
Marilyn E. Glaubensklee (Reg. No. 35,521)
Elaine Lee (Reg. No. 41,936)
Hugh H. Matsubayashi (Reg. No. 43,779)
Paul D. Sorkin (Reg. No. 39,039)
Andrew C. Chen (Reg. No. 43,544)
Pavel Pogodin (Reg. No. 48,205)

Of Sun Microsystems, Inc., 4120 Network Circle, MS SCA12-203, California, 95054,
United States of America.

Please send all correspondence to:

Albert S. Penilla, Esq.
MARTINE & PENILLA, LLP
710 Lakeway Dr., Suite 170
Sunnyvale, CA 94085
Customer Number 25,920

Please direct telephone calls to:

Albert S. Penilla, Esq. at (408) 749-6903.

The undersigned is authorized to act on behalf of the Assignee.

Marilyn E. Glaubensklee 12/13/02
(Signature of authorized person) (date)

Marilyn E. Glaubensklee
(type or print name of authorized person)
Assistant General Counsel, having delegated Power
to sign on Behalf of Sun Microsystems, Inc.

Title of authorized person

SerialNumber	FilingDate	Status	ReelAndFrame	Title	CaseNumber	ClientNumber
09/499,264	2/7/2000	Issued	010810/0847	METHOD TO REDUCE MEMORY LATENCIES BY PERFORMING TWO LEVELS OF SPECULATION	SUNMP179	P4160/MG
10/066,384	1/31/2002	Pending	012563/0258	ULTRA FAST ADDER	SUNMP180	P6402/MG
10/020,565	12/7/2001	Pending	012390/0405	METHOD TO REDUCE MEMORY LATENCIES BY ALLOWING READS TO BYPASS WRITES	SUNMP181	P6440/MG
10/024,884	12/18/2001	Pending	012397/0344	OUTPUT DRIVER WITH COMPENSATED SLEW RATE AND DELAY CONTROL	SUNMP182	P6914/MG
09/520,921	3/8/2000	Issued	010662/0415	METHOD FOR SIZING PMOS PULL-UP DEVICES	SUNMP183	P4283/MG
09/669,829	9/26/2000	Pending	011468/0692	METHOD AND APPARATUS FOR HARDWARE MULTITHREADING	SUNMP185	P4737/MG
09/815,227	3/22/2001	Pending	11639/0759	HIGH SPEED LOW POWER CONTENT ADDRESSABLE MEMORY	SUNMP186	P4895/MG
09/838,921	4/20/2001	Pending	11959/0552	A METHOD TO DYNAMICALLY ALLOCATE PARTS OF ON CHIP L2 CACHE TO EXECUTING THREADS ON A CHIP MULTIPROCESSOR	SUNMP187	P4944/MG
09/670,856	9/26/2000	Pending	11513/0043	SIMPLIFIED WRITEBACK HANDLING	SUNMP188	P4950/MG
09/839,057	4/20/2001	Pending	11964/0743	YIELD IMPROVEMENT THROUGH PROBE-BASED CACHE SIZE REDUCTION	SUNMP189	P4952/MG
10/086,911	2/28/2002	Pending	12681/0529	REGISTER-STACK IN D-CACHE	SUNMP190	P6919/MG
10/113,365	3/29/2002	Pending	12766/0648	DELAY TEST DFT FOR TAP-BASED DESIGNS	SUNMP191	P7072/MG
10/189,870	7/3/2002	Pending	013088/0744	HIERARCHICAL BIST METHODOLOGY FOR MULTI-CORE CHIPS	SUNMP192	P7404/MG
09/375,700	8/16/1999	Issued	010182/0642	MERGING SINGLE PRECISION FLOATING POINT OPERANDS	SUNMP194	P3656/MG
09/543,372	4/2/2000	Issued	010724/0734	DUAL RAIL DYNAMIC FLIP-FLOP WITH SINGLE EVALUATION PATH	SUNMP195	P4136/MG
08/884,257	6/27/1997	Issued	9000/0551	PROCESSOR COMPLEX FOR EXECUTING MULTIMEDIA FUNCTIONS	SUNMP229	P2257/MG
09/007,525	1/15/1998	Issued	8953/0916	METHOD OF PRODUCING A SEQUENCE OF TRIANGLES FROM A VERTEX RASTER WITH AND WITHOUT HALF RESOLUTION EDGES WHILE DECOMPRESSING A COMPRESSED GEOMETRY	SUNMP215	P2812/MG
09/590,935	6/8/2000	Pending	010857/0493	SYNCHRONIZATION FOR PHASE MISMATCH	SUNMP216	P3159/MG
08/884,841	6/30/1997	Issued	9229/0713	NON-BLOCKING DELAYED CLOCKING SCHEME FOR DOMINO LOGIC	SUNMP218	P2335/MG
08/884,840	6/30/1997	Issued	9240/0077	METHOD FOR GENERATING NON-BLOCKING DELAYED CLOCKING SIGNALS FOR DOMINO LOGIC	SUNMP219	P2545/MG
10/122,101	4/11/2002	Pending	012806/0467	METHOD TO STORE CROSS HIERARCHY COUPLING DATA IN A HIERARCHICAL EXTRACATED DATA	SUNMP222	P6123/MG
10/120,075	4/9/2002	Pending	012794/0763	SOFTWARE-CONTROLLABLE REGISTER MAP	SUNMP223	P6417/MG

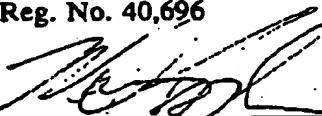
APPENDIX A



DELEGATION OF SIGNING AUTHORITY

I, Marc D. Foodman, Chief Patent Counsel, of Sun Microsystems Inc., (the "Company"), hereby appoint each of the following persons listed below as Attorney-in-Fact of the Company to execute and deliver in the name and on behalf of the Company patent office documents and to grant powers of attorney to patent attorneys and patent agents representing the Company in the patent offices and trademark office throughout the world as required to facilitate filing, obtaining, renewing, maintaining, working, opposing and terminating patent applications and patent registrations on behalf of the Company, and to execute documents which effect the transfer of title or licenses of patents or trademark rights so long as such transfers are between any of the Company and its subsidiaries. This Delegation Of Signing Authority is effective as of August 1, 2002 and will continue in full force and effect while such persons are employees of the Company or until such time as I otherwise designate.

Andrew C. Chen, Reg. No. 43,544
Bernice B. Chen, Reg. No. 42,403
Marilyn E. Glaubensklee, Reg. No. 35,521
Anirma R. Gupta, Reg. No. 38,275
Noreen A. Krall, Reg. No. 39,734
Elaine Lee, Reg. No. 41,936
Sean P. Lewis, Reg. No. 42,798
Jeffrey L. Myers, Reg. No. 44,252
Pavel Pogodin, Reg. No. 48,205
Alexander E. Silverman, Reg. No. 37,940
Paul D. Sorkin, Reg. No. 39,039
Monica D. Ward Reg. No. 40,696



Marc D. Foodman
Chief Patent Counsel
Sun Microsystems, Inc.